

PA REASSESSMENT COVER SHEET

FACILITY NAME : Denton Avenue Landfill

EPA I.D. # : _____

ORIGINAL PRIORITY : ?

REVIEWED BY : JEFF GAAC

REASSESSED PRIORITY : Medium Priority

COMMENTS : Recommended for SI - Both Pre
+ Pro Sums above 25.0. approximately
390,000 receive drinking water from
within 3 miles of this site. Site
is a closed unlined - unmonitored closed
(since late 60's) landfill. Southern
landfill Area has been converted into recreational
area (Ballfields + Tennis Courts). GW sampling
performed in 1982 has revealed elevated concentrations
of ammonia lead iron dimethylnaphthalene
and several phthalates

PREPARER : JEFF GAAC

DATE : 4-14-89



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL REPORT

CLASSIFICATION CODE: 2a

REGION: 1

SITE CODE: 130008
EPA ID:

NAME OF SITE : Denton Ave. Landfill
STREET ADDRESS: Denton and Hillside Ave.
TOWN/CITY: New Hyde Park

COUNTY: Nassau

ZIP: 11040

SITE TYPE: Open Dump- Structure- Lagoon- Landfill-X Treatment Pond-
ESTIMATED SIZE: 54 Acres

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER NAME....: Eugene C. Depasquale
CURRENT OWNER ADDRESS.: 36 Old Westbury Rd., Old Westbury, NY
OWNER(S) DURING USE....: Town of No. Hempstead
OPERATOR DURING USE....: Town of North Hempstead
OPERATOR ADDRESS.....: Town Hall - Plandome Road, Manhasset, NY
PERIOD ASSOCIATED WITH HAZARDOUS WASTE: From Unknown To Unknown

SITE DESCRIPTION:

Site was used as a municipal solid waste landfill from 1953 to 1966.

Landfill is in ground water. Nearest surface water is 6 miles south .
An unused reservoir (New Valley Stream State Park).

Nassau County Health Dept. has performed a limited water quality study
area in 1982. NO significant contamination found

Phase 1 completed.

HAZARDOUS WASTE DISPOSED: Confirmed-
TYPE

Suspected-X
QUANTITY (units)

Unknown

ANALYTICAL DATA AVAILABLE:

Air- Surface Water- Groundwater-X Soil- Sediment- None-

CONTRAVENTION OF STANDARDS:

Groundwater-X Drinking Water-

Surface Water-

Air-

LEGAL ACTION:

TYPE...: None

State-

Federal-

STATUS: Negotiation in Progress-

Order Signed-

REMEDIAL ACTION:

Proposed-

Under design-

In Progress-

Completed-

NATURE OF ACTION:

GEOTECHNICAL INFORMATION:

SOIL TYPE: Sand

GROUNDWATER DEPTH: Landfill in groundwater

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Potential for several pathways of contaminant migration.

ASSESSMENT OF HEALTH PROBLEMS:

Medium	Contaminants Available	Migration Potential	Potentially Exposed Population	Need for Investigation
Air	Identified	Highly Likely	Yes	High
Surface Soil	Likely	Likely	Yes	High
Groundwater	Identified	Highly Likely	Yes	High
Surface Water	Likely	Unlikely	Yes	Medium

Health Department Site Inspection Date : 2/85

MUNICIPAL WASTE ID: 30-S-24#

Ground Water Route Work Sheet

Rating Factor	Assigned Value	Mult.	HRS	Max	PRO
1 Observed Release	0 45	1			45
If observed release is given a score of 45, proceed to line 4 If observed release is given a score of 0, proceed to line 2					
2 Route Characteristics					
Depth to Aquifer of Concern	0 1 (2) 3	2	4	6	
Net Precipitation	0 1 (2) 3	1	2	3	
Permeability of the Unsaturated Zone	0 1 2 (3)	1	3	3	
Physical State	0 1 2 (3)	1	3	3	
Total Route Characteristic Score			12	15	
3 Containment	0 1 2 3	1	3	3	
4 Waste Characteristics					
Toxicity/Persistence	0 3 6 9 12 15 18	1	18	18	18
Hazardous Waste Quantity	0 1 2 3 4 5 6 7 8	1	1	8	1
Total Waste Characterization Score			19	25	19
5 Targets					
Ground Water Use	0 1 (2) 3	3	6	9	6
Distance to Nearest Well/Population Served	0 4 6 8 10 12 16 18 20 24 30 32 (35) 40	1	35	40	35
Total Target Score			41	49	41
6 If line 1 is 45, multiply 1 x 4 x 5 If line 1 is 0, multiply 2 x 3 x 4 x 5			28044	57330	35055
7 Divide line 6 by 57,330 and multiply by 100			Sgw = 48.9		61.14
			28.26		35.34